

PHENIX WEEKLY PLANNING

2/1/2007
Don Lynch

Happy
**GROUND
HOG
DAY**



Remaining Schedule

T
e
c
h
n
i
c
a
l

S
u
p
p
o
r
t

+

2
0
0
7

Cosmic Ray Run (Run 6.9)

Pink Sheeting & Blue Sheeting

Move EC to IR, Move MMS full North

Rebuild Rolling door

Close rolling door

**Start Flammable Gas Flow & 2 man watch shifts
(FG in Mixing House only)**

All Up Commissioning/ Cosmic Ray Run /

Install beam pipe collar

RHIC Cooldown Begins

Beam in yellow ring

Beam in blue ring

RHIC beam conditioning

Shutdown Concluded/Start of Physics Run



Start	Complete
In Progress	In Progress
Done	Done
Done	Done
Done	Done
Done	Done
Done	Done
Done	Done
RS+1 D	RS+3 W
RS-1 W	RS-2 D
RS	RS
RS+1 W	RS+1 W
RS+2 W	RS+2 W
RS+3 W	RS+3 W
RS+3 W	RS+3 W

Cosmic Ray Run

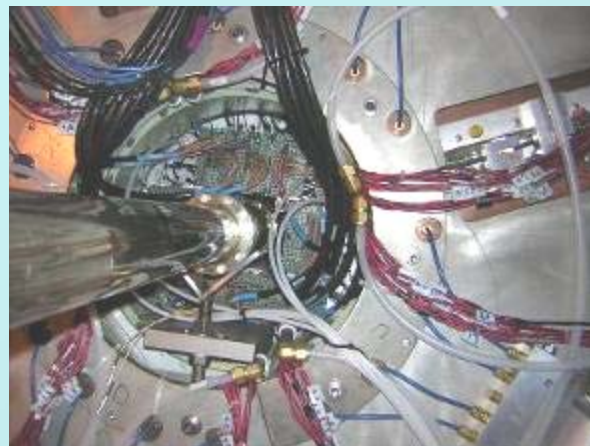
T
e
c
h
n
i
c
a
l
S
u
p
p
o
r
t
+
2
0
0
7

- Investigate N&S Muon magnet fringe field in CM area (Postponed due to budget concerns)
- HBD HV tests (Ongoing), Work permit generated; Night shift tech?
- MuID commissioning (Started)
- All up detectors/electronics shakedown. (Started)
- After HBD tests, introduce flammable gas to IR



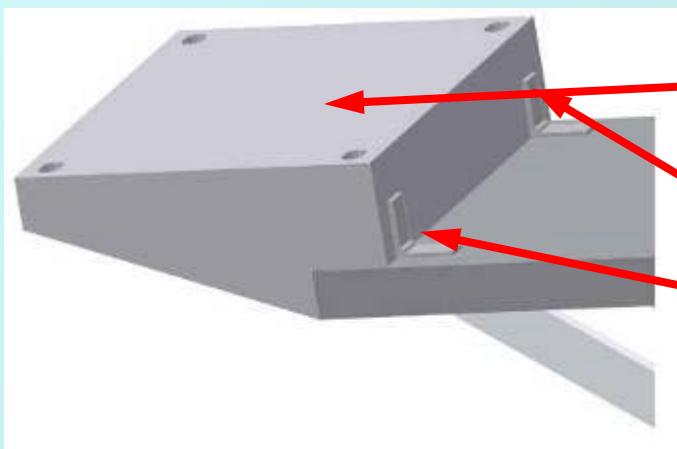
Commissioning in Progress

New Detectors



T
E
C
H
N
I
C
A
L
S
U
P
P
O
R
T
+
N
O
O
T

CM Lift Table



Hinges on wing steps
Structural Analysis Done
Hinges on east end installed

T
E
C
H
N
I
C
A
L
S
U
P
P
O
R
T
+
2
0
0
7

Pressure Safety Requirements

- Basic information for each "pressure/chamber" system (system name, location, description, contact person and alternate, responsible group) has been identified - separate systems
- By end of month (1/31/07) systems and information to be provided
- Detector identification system to be done on house control racks to detectors (Gas pad to mixing house, 9 systems to be done by 1/31/07)

Gas Pad
(by source)

detectors
(detector?)

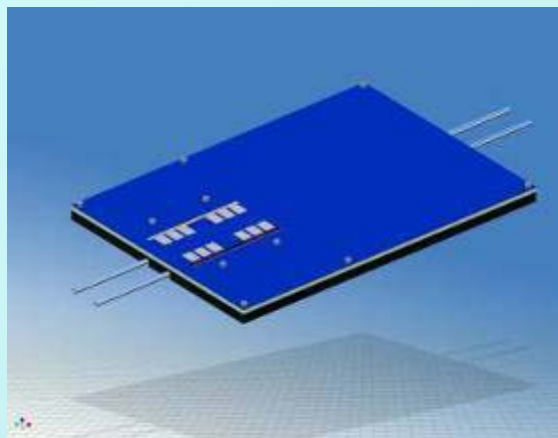
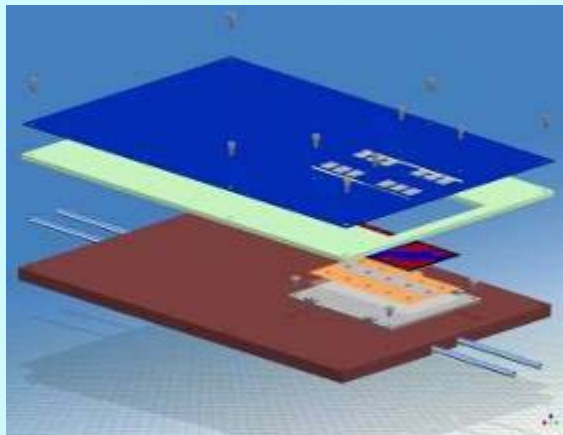
Documentation of
Analysis, Design,
Testing and
Approvals,

Electronics/
Computer
Control

T
e
c
h
n
i
c
a
l
S
u
p
p
o
r
t
+
2
0
0
7

VTX Prototype Test

Technical Support 2007



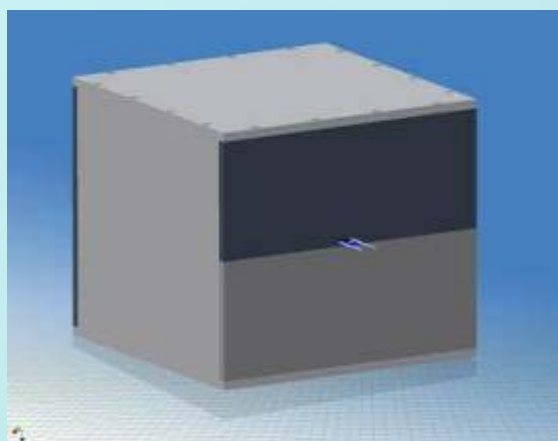
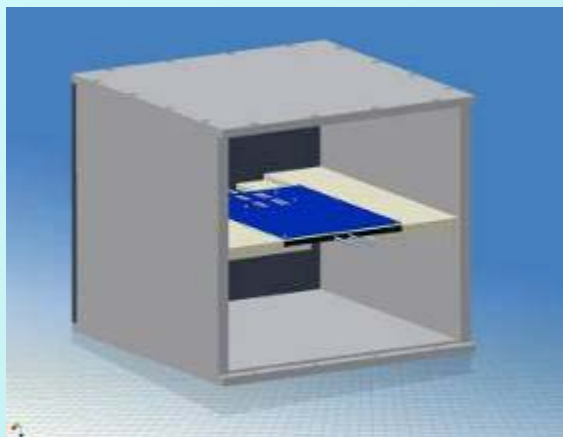
Mat'l to be ordered
(Grey PVC sheet)

Drawings by GHD

Fabricate box at 1008

Assemble

Test



Procedures Review

1st cut review of documents on file with Paul:

- 100 controlled procedures, 1 CA OPM
- 59 approved signed copies of latest Rev. on file
- 7 Copy of signed copy of latest Rev. on file (original signatures missing)
- 2 Cover pages marked "Cancelled"
- 11 signed copies of older rev's and/or older release dates on file
- 15 approvals copies missing
- 6 undetermined
- ?? Uncontrolled/under-documented
- Next steps: Retirement, Renewal, Updates & Corrections, Improvements, Additions

Starting next week Don, Paul and Rob to process 25 procedures per week until done.

T
e
c
h
n
i
c
a
l
S
u
p
p
o
r
t
+
2
0
0
7

Safety

There will be an independent audit by consultants of our Environmental Management System (EMS) and our Occupational Safety and Health (OSH) Management System during the week of 2/5/07.

All are expected to know that

This policy is posted at locations at C-AD and is available on the web at http://www.bnl.gov/eshq/files/pdf/ESSH_policy-9-6_hi.pdf . You may have a copy at your desk to refer to during the interview.

Basic things to Know:

- The lab has an Environmental, Safety, Security, and Health Policy (ESSH Policy).
- All work is planned. Safety is always considered.
- Hazards are always identified and mitigated
- We are all expected to comply with safety and health reqmts
- Anyone can issue a stop work to prevent imminent danger
- R2A2's describe what the lab expects from each of us

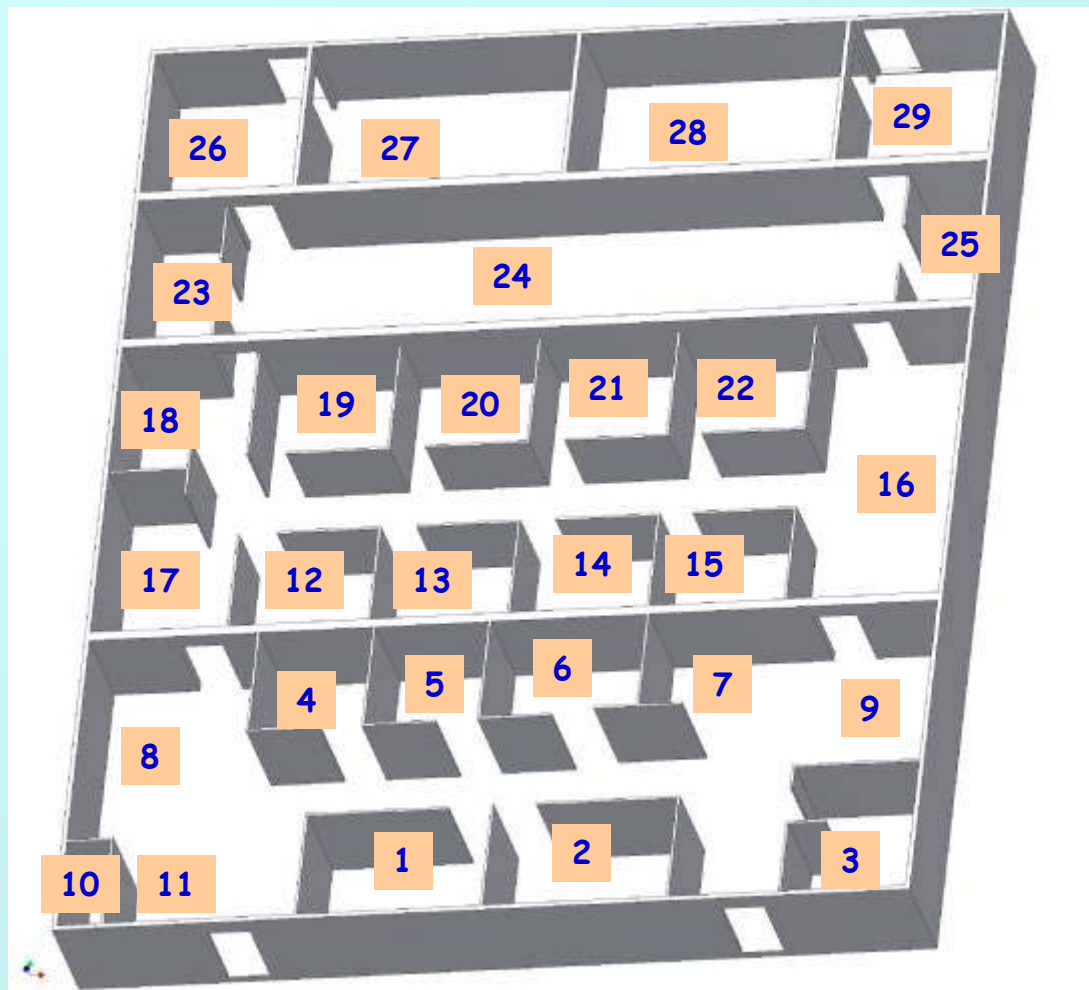
We have been told that this audit will be heavy on field interviews during Tuesday 2/6/07.

- From Ray Karol

Trailer Office Space Allocation

Space Allocation

1. Safety Engr P. Giannotti (PG)
2. Run Coordinator/Chief Engr
3. Documents (PG)
4. Electrician: M. Rau
5. Mu Tracking
6. EMCal
7. HBD
8. Documents (PG)
9. Trailer Conference Area (PG)
10. Computer Network Cage (PG)
11. Printing & Fax (PG)
12. PC
13. Mu Tracking
14. TOF Aerogel
15. RICH
16. BBC
17. TEC
18. TOF West
19. DAQ /Trigger
20. DAQ
21. DC
22. EMCal
- 23.
24. Analysis Center (RC/PC)
25. MPC (M. Chiu)
26. Storage
27. Ladies' Bathroom (C-A)
28. Men's Bathroom (C-A)
29. Storage



T E C H N I C A L S U P P O R T 2 0 0 7

(Miserable) Janitorial Maintenance

TECHNICAL SUPPORT 2007



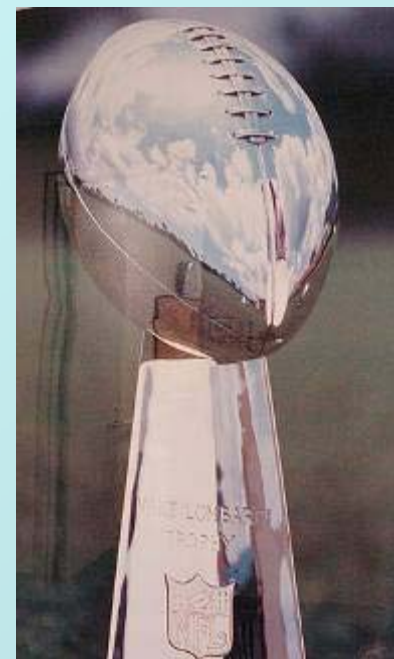
Filthy Floors
Overflowing
trash
Plugged toilets

Even the ground
hog won't come
out to see his
shadow



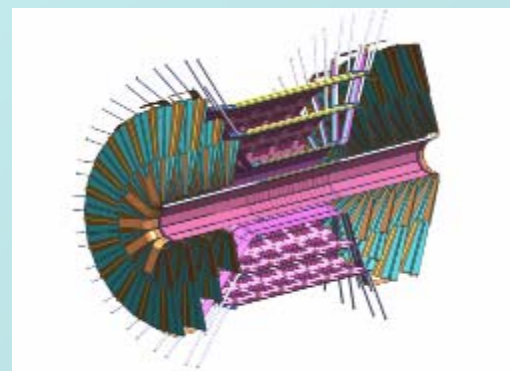
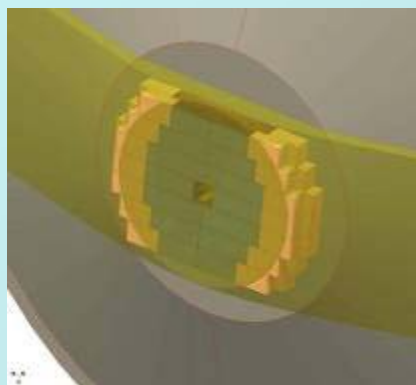
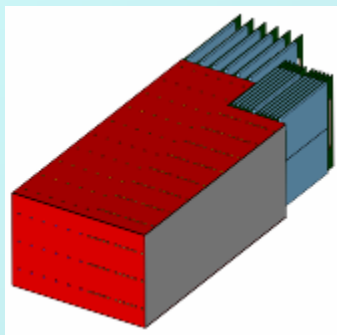
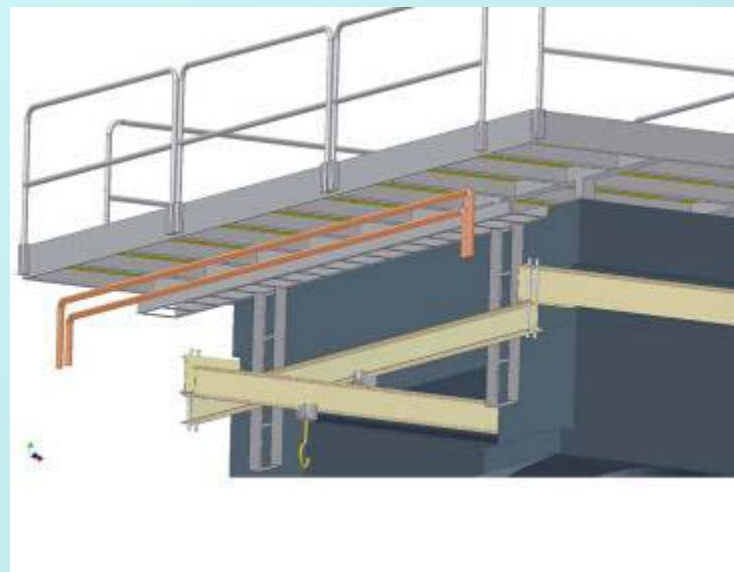
This Week/ Next Week

- Super Bowl (Colts 27, Bears 7)
- HBD, TOF W, RXNP, MPC N electronics commissioning
- VTX prototype box
- MuTr NMM access work permit
- PHENIX Procedure review continued
- Pressure systems reports completed
- CM Lift table wing hinges
- Trailer offices
- Pre-engineered lift analysis for MuID collars
- Cosmic Ray Run support



What's up for this year and beyond

- New CM Crane
- New Beam pipe design
- Muon RPC trigger design
- VTX/FVTX design
- NCC design
- MuTr upgrade
- Infrastructure improvements



Shutdown 2007

Get your requests in early
for Run 7 tech work

Get your requests in early
for shutdown 2007 work



T
e
c
h
n
i
c
a
l
S
u
p
p
o
r
t
+
2
0
0
7

Where To Find PHENIX Technical Info



Links for the weekly planning meeting slides, long term planning, pictures, videos and other technical info can be found on the web site:

http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL_SSint-page.htm